



Department of  
**Primary Industries and  
Regional Development**

# **Livestock Biosecurity WA**

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- Australia's livestock have a reputation for being relatively disease-free and produced to first-class standards
- Western Australia is considered the most disease-free region of the most disease-free country in the world
- WA exports about 80% of its livestock and livestock products
- WA's Livestock Biosecurity policy, regulation and activities safeguard this reputation and access to international markets



- Biosecurity is a shared responsibility between all governments, industry, and the community.
- The pre-border, border and post-border elements of the biosecurity continuum are managed through a nationally integrated system that recognises and defines the roles and responsibilities of all sectors and sets out cooperative activities.
- Activity is undertaken and investment is allocated according to a cost-effective, science-based and risk-management approach, prioritising the allocation of resources to the areas of greatest return.
- Relevant parties contribute to the cost of biosecurity activities:
  - risk creators and beneficiaries contribute to the cost of risk management measures in proportion to the risks created and/or benefits gained; and
  - governments contribute to the cost of risk management measures in proportion to the public good accruing from them.
- Governments, industry, and other relevant parties are involved in decision-making, according to their roles, responsibilities and contributions.

# Industry and government working together -defending and enhancing market access

- Risk assessment and risk mitigation:
  - border, state and farm level
- Internationally recognised industry biosecurity and traceability standards
- Industry and government surveillance networks:
  - early detection to minimise impact
  - market access
- Internationally recognised emergency animal disease response arrangements (EADRA)



WA Government is a signatory to a number of agreements:

- Intergovernmental Agreement on Biosecurity (IGAB) - an agreement between the Commonwealth of Australia and state and territory governments to strengthen the national biosecurity system
- Emergency Animal Disease Response Agreement (EADRA)
- National Environmental Biosecurity Response Agreement (NEBRA)
- National Residue Agreement
- National livestock Identification System.

Department representatives are part of a national biosecurity framework including:

- Agriculture Ministers Forum
- Agriculture Senior Officials Committee
- National Biosecurity Committee
- Animal Health Committee
- Animal Health Australia
- Australian Pesticides and Veterinary Medicines Authority
- SAFEMEAT
- National Management Group and the Consultative Committee on Emergency Animal Disease
- National Communications Network

## Australian Government responsibilities

- International liaison OIE
- World-class quarantine policy standards and inspections
- Sets conditions for all imports
- Internationally recognised industry biosecurity standards
- Operates quarantine and coastal surveillance system
- Negotiates health requirements for exports
- Inspects and certifies exports
- Registers veterinary medicines and chemicals.

- Partner in national Animal health programs
- Fund Australian Animal health Laboratory.
- Liaise with national livestock industry stakeholders



## State responsibilities

- Manage reportable disease reporting
- Conduct surveillance to:
  - detect new and emerging disease
  - verify disease freedom for markets
  - detect reportable diseases early to minimise impact.
- Mitigate risk at state and farm level
- Interstate and intrastate livestock movements
- Product integrity – chemical residues/chemical use
- Certification of property status
- Whole-of-life traceability of livestock (NLIS, NVDs)
- Animal Welfare

- Emergency animal disease preparedness and response arrangements
- Legislation
- Local Industry stakeholder engagement.





DAFWA works in partnerships with external and internal stakeholders to achieve Livestock Biosecurity's aims:

- WA Biosecurity Council
- Biosecurity Senior Officials Group (Fisheries, DPAW)

### **Interagency consultation**

- WA Department of Health
- WA Department of Parks and Wildlife
- WA Veterinary Surgeons Board
- WA Meat Industry Authority
- WA livestock transport
- WA saleyards
- WA Police

### **Industry stakeholder engagement**

- Private veterinarians
- State farming organisations - WAF and PGA
- Producers
- Industry consultative groups
  - Pigs
  - Avian
  - Extensive industries (cattle, sheep and goats )
  - NLIS cattle consultative group
- Industry Management Committees and Industry Funding Schemes
- Technical consultative groups
- Agents



Livestock Biosecurity aims to keep livestock:

- **free of diseases** that could affect domestic or international trade
- **free of harmful residues** that could affect consumers' health or domestic or international trade
- **identified** according to a nationally agreed system (NLIS) that allows rapid traceability if a residue issue or disease outbreak occurs.

If a disease outbreak or harmful residue does occur, Livestock Biosecurity aims to:

- manage or eradicate the disease/residue
- minimise the impact on the livestock industries, environment and community.

## Supporting market access for livestock/livestock products

- Projects' activities and property of origin statements underpin Federal Department of Agriculture and Water Resources export health certification
  - assessment of property disease status for reportable diseases
  - proof of freedom from trade-relevant diseases
  - knowledge of transmission zones (e.g. NAMP)
  - PIC system and livestock traceability

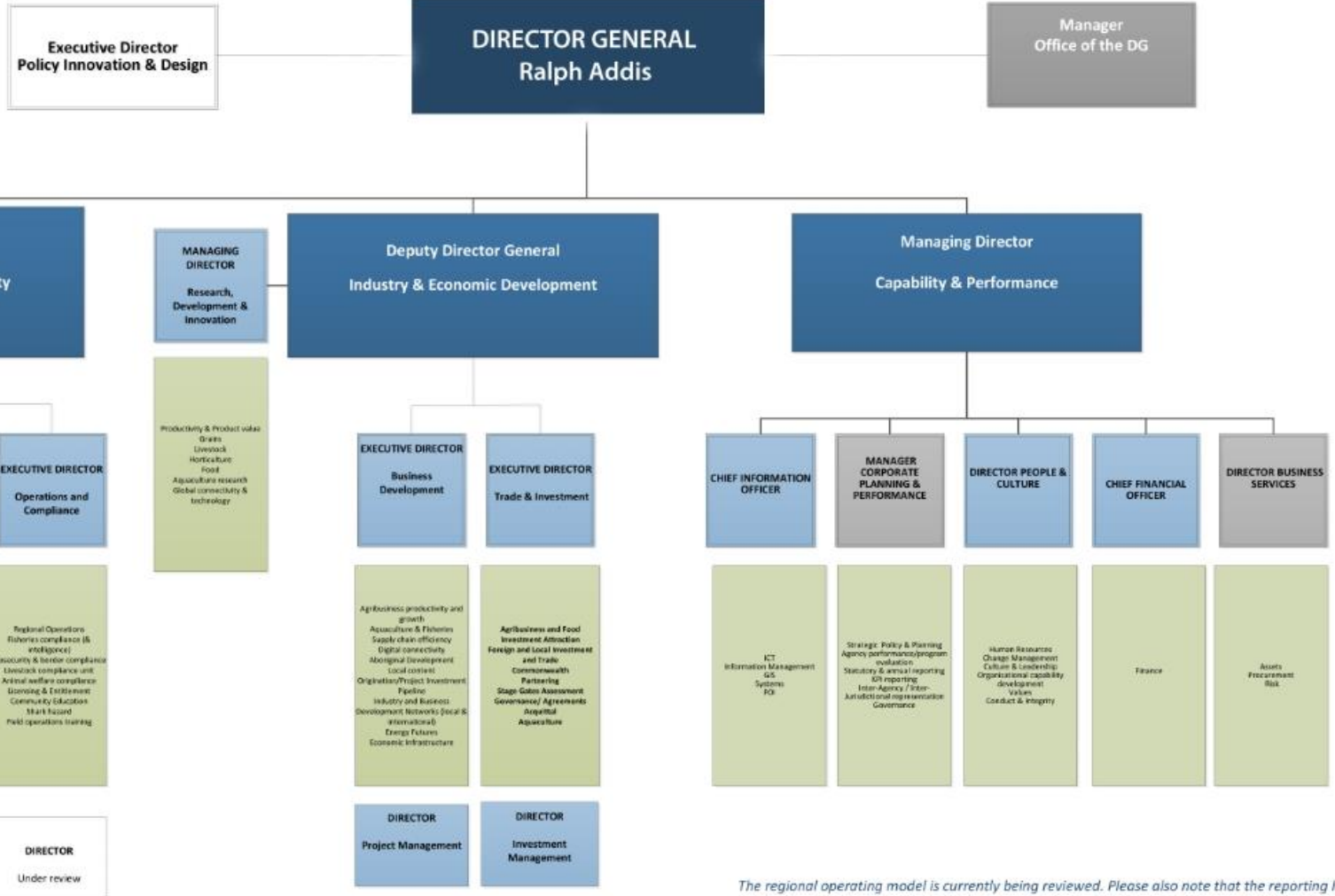


# DEPARTMENT OF PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT – NEW STRUCTURE

Updated 22 February 2018 (VERSION 7)

Legend:

- SES position, filled
- SES position, not yet filled
- Non SES position



*The regional operating model is currently being reviewed. Please also note that the reporting lines of the Communications and Legal functions are also currently under review.*

# How do we achieve these aims?

## Livestock Biosecurity



## Enabling legislation

***Biosecurity and Agriculture Management Act 2007***  
***Exotic Diseases of Animals Act 1993***  
***Agricultural and Veterinary Chemicals (WA) Act 1995***  
***Veterinary Chemical Control and Animal Feeding Stuffs Act 1976***  
***Animal Welfare Act 2002***  
***Veterinary Surgeons Act 1960***

## Livestock Biosecurity

**protecting market access and food safety**

- disease surveillance
- rapid disease diagnosis
- disease prevention and control
- emergency disease response
- livestock traceability
- safe chemical use



## • NATIONAL AND STATE POLICY AND PLANNING

- Animal Health Committee
- Stakeholder Engagement.
- Communication (national policy communication)
- State and National Policy and procedures
- Export State disease status statements
- Risk assessment
- Stakeholder engagement
- Veterinary Surgeons Board

## • LEGISLATION, COMPLIANCE, CERTIFICATION, PREPAREDNESS

*Biosecurity and Agriculture Management Act 2007* and subsidiary regulations

- Permitted and prohibited organisms
- Declared pests and prescribed potential carriers
- Setting of conditions for import of permitted organisms and potential carriers
- Audit and Compliance

Emergency Preparedness

- AUSVETPLAN
- EADRA
- *Exotic Diseases of Animals Act 1993*

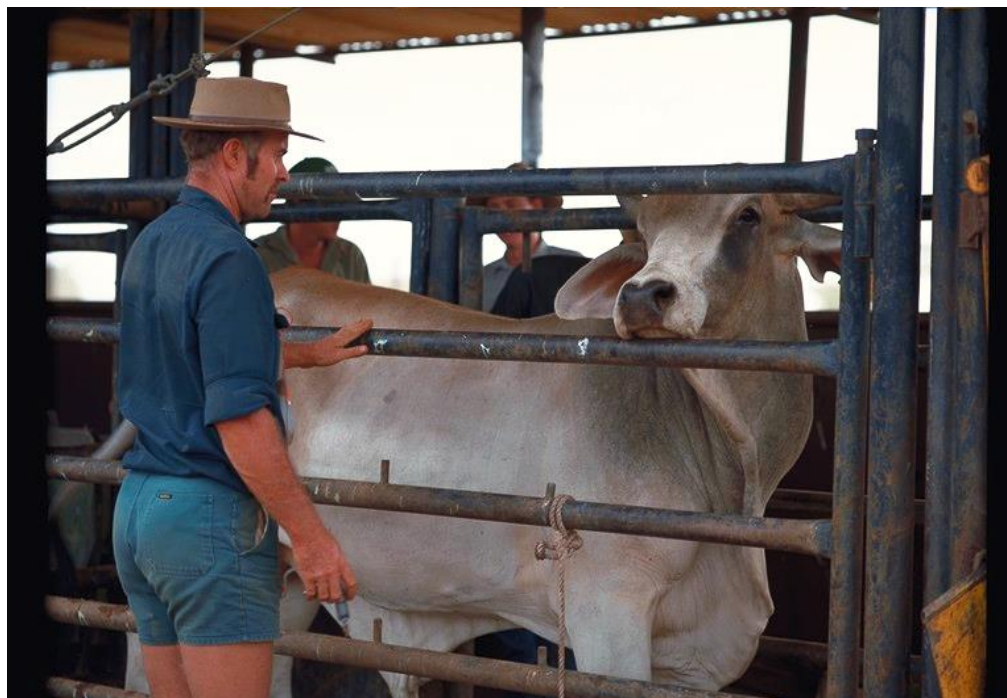
- **Proof of freedom from diseases - Investigate suspicion of exotic disease - Diagnose disease**

## Surveillance

- Exotic diseases
- New diseases
- Significant Disease Investigations
- Endemic diseases

## Resources

- Surveillance network
- Vets in the field
- Diagnostic laboratories



## Surveillance for specific diseases

- **NAQS - offshore and coastal**
- **NAMP - bluetongue, ephemeral fever, Akabane**
- **TSE - cattle and sheep**
- **Avian Influenza**
- **Tuberculosis**
- **Newcastle virus**
- **Liver fluke - survey & abattoirs**
- **Enzootic Bovine Leucosis (EBL) - dairy cattle**
- **Johne's disease - surveys & abattoirs**



Investigate significant disease events through veterinarians for agreed events

▪ **Aim**

- **Increase the number of investigations conducted by veterinarians resulting from the subsidy**





- WA veterinarians and livestock producers are provided access to disease diagnostic support to enhance animal health surveillance:
  - advice from our team of veterinary professionals: pathologists, virologists, bacteriologists, biochemist and toxicologist
  - post-mortem guides
  - syndrome specific disease differential lists
  - sample submission list
  - e-newsletter of current disease occurrences
  - diagnostic workshops

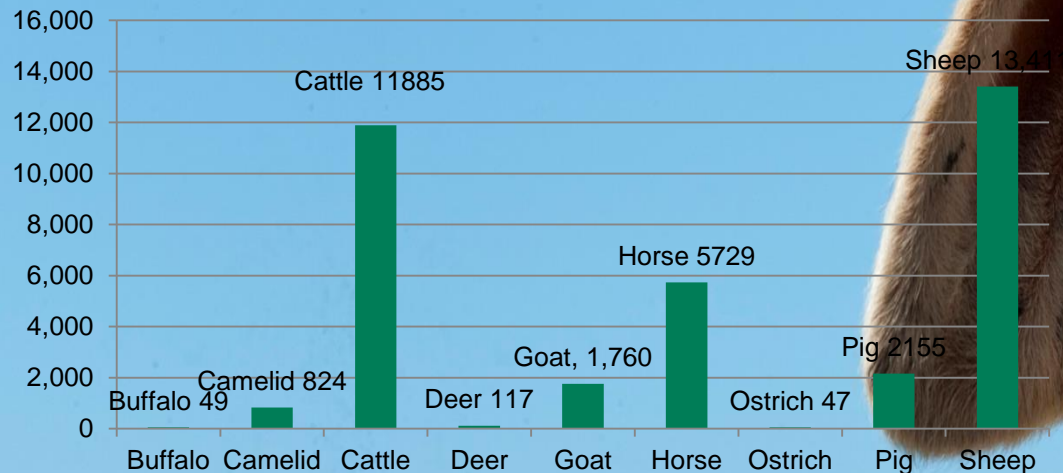
**Nationally Accredited Quality Assured Laboratory**



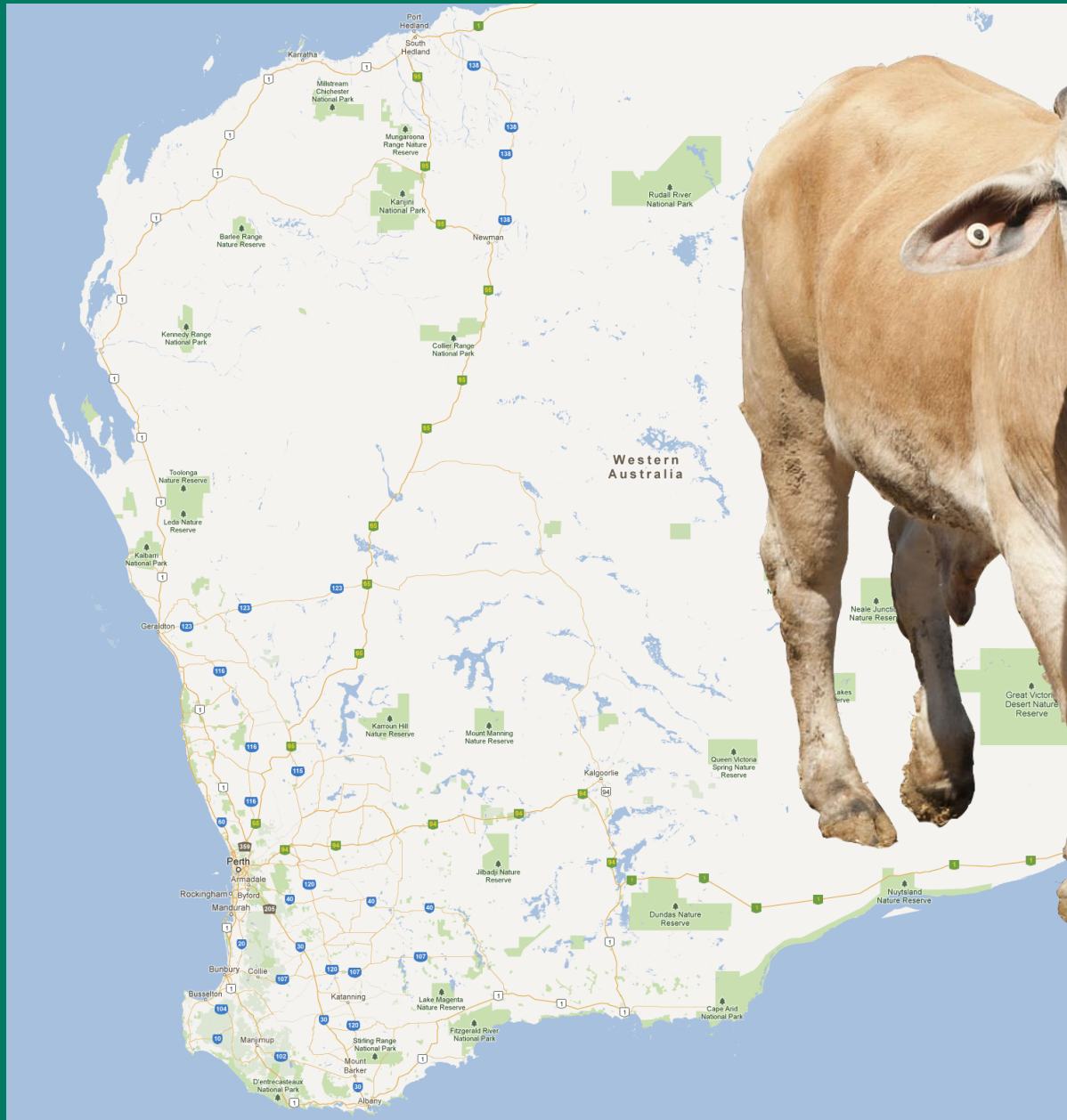
- Declaration of unconditional freedom from enzootic bovine leucosis (EBL) in the Australian dairy herd was achieved in 2013.
- In 2009, Australia had successfully controlled and achieved monitored negative EBL status of Australian dairy herds.
- Annual testing of all dairy herds from 2010 to 2012 established that at least 99.8% of dairy herds tested negative for EBL.
- Ongoing monitoring of EBL freedom involves annual surveys that provide 99% confidence of detecting 0.2% prevalence of infection.
- All Western Australian dairy herds undergo a bulk milk test annually, and an intensive bulk milk test is conducted each year on milking herds with more than 200 cows.

- Livestock identification and movement system that allows livestock to be traced for the purpose of food safety, animal disease control and trade
- National arrangements include the National Livestock Identification System, National Livestock Traceability Performance Standards and the Livestock Production Assurance (LPA) Scheme
- All WA livestock owners are legislatively required to register with the Department which involves allocation of a unique property identification code (PIC) and a registered livestock identifier.

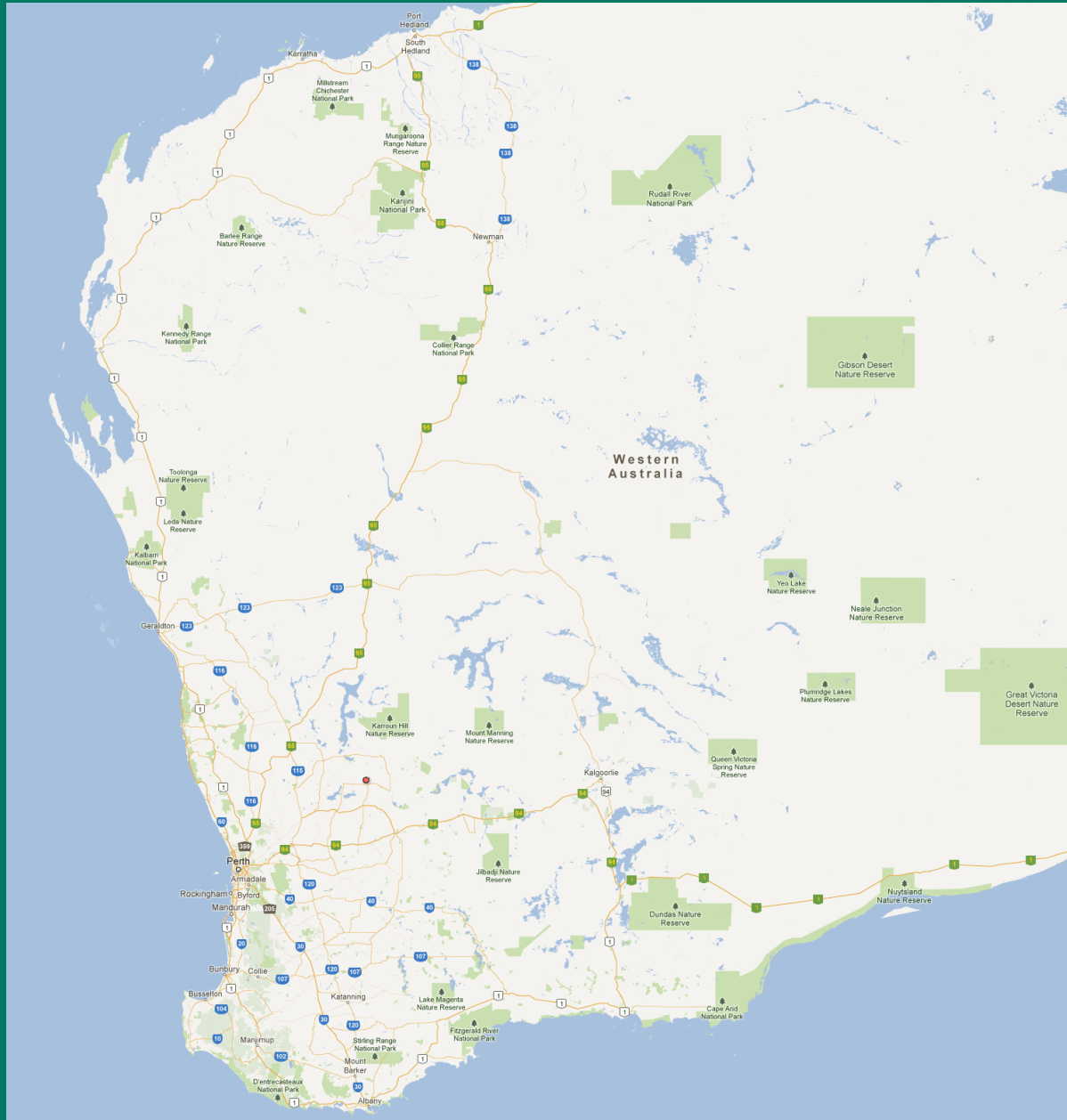
## Registered livestock owners in WA



# Livestock movement – identification



# Livestock movement – traceability



- National vendor declaration (NVD)/waybill requirements:
  - Species, breed, sex, age of animals in consignment
  - Number of animals in consignment
  - PIC and address (origin and destination)
  - Name and signature (vendor and carrier)
- Identifiers
- Date
- Triplicate form
- Serial number
- carrier)
- Details of vehicles

**NATIONAL VENDOR DECLARATION (SHEEP AND LAMBS) AND WAYBILL** S0413

**Part A To be completed by the owner or person who is responsible for the husbandry of the sheep or lambs.**

Owner of sheep or lambs \_\_\_\_\_ (FULL TRADING NAME)  
 Property/place where the journey commenced \_\_\_\_\_ (ADDRESS)  
 \_\_\_\_\_ (ADDRESS CONTINUED) \_\_\_\_\_ (TOWN/CITY) \_\_\_\_\_ (STATE)  
 Property Identification Code (PIC) of this property \_\_\_\_\_  
 This MUST be the PIC of the property that the stock is being moved from  
 Description of sheep or lambs

Number	Year born (DROPP)	Description (BREED, SEX & TYPE E.G. CROSSLAND, WETHER, LAMB)	Months of shearing	PICs on Ear Tags/Bands (IF DIFFERENT TO PIC/SHEWY ABOVE)	Earmarks (IF PRESENT OR REQUIRED)
Total		Use the Attachment Forms for consignments that require more lines to describe the stock. (See Explanatory Notes)			

Have PICs on all NLIS tags in this consignment been listed in the Description table above (other than the PIC printed on this NVD)? Yes  No   
 OR  
 Have all sheep in this consignment been tagged with an additional pink post breeder tag with the PIC printed on this NVD? (or WA brand as listed in the Description table above)? Yes  No   
 Hours off feed and water before transporting \_\_\_\_\_  
 Consigned to \_\_\_\_\_ (NAME OF PERSON OR BUSINESS)

DESTINATION  
 Destination (if different) of sheep or lambs \_\_\_\_\_ (TOWN/CITY) \_\_\_\_\_ (STATE)  
 Details of other statutory documents relating to this movement e.g. health statement \_\_\_\_\_  
 DOCUMENT TYPE NAME NUMBER OFFICE OF ISSUE EXPIRY DATE

**1** Have these sheep or lambs been raised consistent with the rules of an independently audited QA program on the property the PIC of which is shown above?  
 Yes  No  If Yes, give details: \_\_\_\_\_

**2** Have all the sheep or lambs in this consignment been treated with a Scabby Mouth Vaccination either at marking or at least 14 days prior to their presentation for sale?  
 Yes  No

**3** Were all of these sheep or lambs bred by the owner or vendor?  
 Yes  No  If NO, how long ago were the sheep or lambs obtained or purchased?  
 A. Less than 2 months  B. 2-6 months  C. 6-12 months  D. more than 12 months

**4** Are any of the sheep or lambs in this consignment still within a Withholding Period (WHP) or Export Slaughter Interval (ESI) as set by APVMA or SAFEMEAT, following treatment with any veterinary drug or chemical?  
 Yes  No  If Yes, give details: (Record additional details in question 7) \_\_\_\_\_

CHEMICAL PRODUCT DATE APPLIED / / 20 BRAND NAME DATE FIRST RECEIVED / / 20 DATE RETURNED / / 20

**5** In the past 60 days, have any of the sheep or lambs in this consignment consumed any material that was still within a withholding period when harvested, collected or first grazed?  
 Yes  No  If Yes, give details: \_\_\_\_\_

**6** Have the sheep or lambs in this consignment ever in their lives been fed feed containing animal fats? (See Explanatory Notes)  
 Yes  No

**7** Please include any additional information below eg: vaccination programs, animal health certification, additional declarations, etc.  
 \_\_\_\_\_

**Declaration**

FULL NAME \_\_\_\_\_ (FULL ADDRESS)  
 VERIFIED CODE \_\_\_\_\_  
 I declare that, I am the owner or the person responsible for the husbandry of the sheep or lambs and that all the information in part A of this document is true and correct. I also declare that I have read and understood all the questions that I have answered, that I have read and understood the explanatory notes, and that, while under my control, the sheep or lambs were not fed restricted animal material (including meat and bone meal) in breach of State or Territory legislation.  
 Signature\* \_\_\_\_\_ Date\* / / 20  
 \*Only the person whose name appears above may sign this declaration, or make amendments which must be initialled.  
 Tel no. \_\_\_\_\_ Fax no. \_\_\_\_\_

**Part B To be completed by the person in charge of the sheep or lambs while they are being moved. Completion of this part is optional in SA and VIC.**

Movement commenced: / / 20 (am/pm)  
 Vehicle registration number(s)\*: \_\_\_\_\_

I, \_\_\_\_\_ am the person in charge of the sheep or lambs during the movement and declare all the information in Part B is true and correct.  
 Signature \_\_\_\_\_ Date / / 20 Tel no. \_\_\_\_\_  
 \*When more than one truck is carrying the sheep or lambs, other vehicle registration numbers are to be recorded.

**Part C Agents declaration for sheep or lambs sold at auction. (Completion of Part C is optional.)**

Agents completing Part C should retain the original or a scanned copy of the original declaration or a summary for a minimum of two (2) years, or three (3) years in WA and supply a copy or summary to any buyer on request.

Vendor code \_\_\_\_\_ Agent's code \_\_\_\_\_  
 Stock agent company \_\_\_\_\_  
 Buyer's name \_\_\_\_\_ Destination PIC \_\_\_\_\_  
 No. of sheep or lambs purchased \_\_\_\_\_ Saleyard arrival time (am/pm) \_\_\_\_\_  
 Agent's signature \_\_\_\_\_ Date / / 20

## National agreement

- Unique Government and Industry Emergency Animal Disease Response Agreement for 64 exotic diseases
- Agreed Government and industry funding on beneficiary analysis
- Agreed Government and industry response plan for each disease - AUSVETPLAN
- Whole of government input
- Rapid response team

## State

- Legislation
- Preparation and training
- Carry out nationally agreed response plan
- Industry involvement
- Whole of government input
- First response team



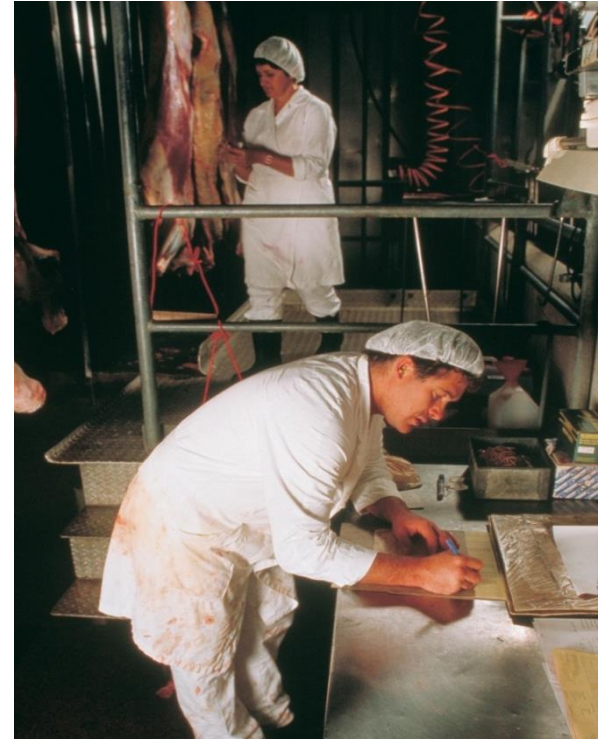


- High standards of animal welfare are critical to Western Australian consumers and domestic and international markets.
- National animal welfare policy
- Standards and guidelines/Codes of Practice
- Advisory services to farmers



# Product integrity: chemicals and residues

- Surveillance testing for chemical and veterinary medicine residues in meat
- Residue management on affected farms
- Legislation to prevent residues entering the food chain



## Legislative provisions

**Record keeping:** Record of using a registered veterinary chemical product (VCP) to be kept for 3 years and include:

- VCP used , animal ID, dose, date of treatment

**Off-label use:** Veterinarian can use a VCP off label in a major trade species (cattle, sheep, pigs, poultry) if:

- the VCP is registered for use in a major trade species there is no limitation on the number of animals that can be treated in an off-label manner
- the VCP is not registered for use in a major trade species then only a single animal can be treated
- with CVO approval a single animal can be treated

**Unregistered use:** A veterinarian can use an unregistered VCP in trade species animals (all food, fibre producing animals).

- single animal only or
- with CVO approval
- veterinarian must provide client a statement with appropriate withholding period (WHP)

**Use of VCPs by non-veterinarians:** Must use a registered VCP as directed on label unless:

- under written veterinary direction
- the VCP is registered in a major trade species but will be used in a species that is not a major trade species (e.g. goats)
- use of an unregistered VCP by non-vets is not permitted unless under written direction of a veterinarian

**Withholding period:** Must be observed for meat, wool, fibre, milk, eggs:

- animals to which the WHP applies must be identified
- an owner must declare an animal within a WHP to a buyer



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# Thank you

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